GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:737
ANSWERED ON:18.07.2002
ESTABLISHMENT OF SUB STATIONS IN T.N. BY PGCIL
V. VETRISELVAN

Will the Minister of POWER be pleased to state:

(a) whether the Government of Tamil Nadu has requested the Union Government tostrengthen the transmission lines to bring power to Tamil Nadu;

(b) if so, the steps taken or being taken by the Union Government in this direction;

(c) whether the Power Grid Corporation of India are considering to establish some more sub-stations in Tamil Nadu;

(d) if so, the details thereof; and

(e) if not, the reasons therefor?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : Based on needs and specific requests of TNEB, the following schemeshave been taken up by POWERGRID for strengthening the transmission system for transfer of power to Tamil Nadu :

(i) Vijayawada-Nellore-Sriperumbudur (Chennai) 400 KV Double CircuitTransmission Line at an estimated cost of Rs.396.28 crores. The scheme is scheduled to be completed by February, 2003. With the completion of this line, TNEB will be able to draw their share of power from Ramagundam Thermal Power Station without any constraint and also avail assistance from neighbouring regions.

(ii) Talcher-II transmission system at an estimated cost of Rs.3865.61 crores. The scheme includes the following elements :

(1) 2000 MW, + 500 kV Talcher-Kolar HVDC bipole

(2) Kolar-Sriperumbudur (Chennai) 400 kV S/C line

(3) Kolar-Hosur 400 KV D/C line

(4) Hosur-Salem 400 KV S/C line

(5) Salem-Udumalpet 400 KV S/C line

(6) Kolar-Hoody 400 KV D/C with high capacity Quad conductors

(7) Loop-in-Loop-out of existing Cuddapah-Bangalore 400 KV S/C line at Kolar.

(8) Establishment of new 400/220 kV substation at Hosur with 2x315 MVA transformer and at Kolar with 4x167 MVA transformers.

The AC portion of the above Transmission System along with the first pole ofHVDC is likely to be commissioned by December, 2002

and the second pole is likely to be commissioned by June, 2003. After completion of the Transmission System, it would be possible to transfer additional 2000 MW power from Eastern Region to Southern Region, including Tamil Nadu.

(c) to (e) : In order to meet system requirements of the Tamil Nadu Grid, a proposalof TNEB for establishment of Almathi and Maduranthagam 400/220 kV Sub-stations byLILO of Vijayawada Nellore-Sriperumbudur (400 kV) is under examination in Central Electricity Authority. POWERGRID is considering to establish new 400/220 kV sub- stations at Pugalur, Kayathar, etc. along with future generation capacity addition like Neyveli TS-II expansion (2x250 MW) and Kudankulam (4x1000 MW).